

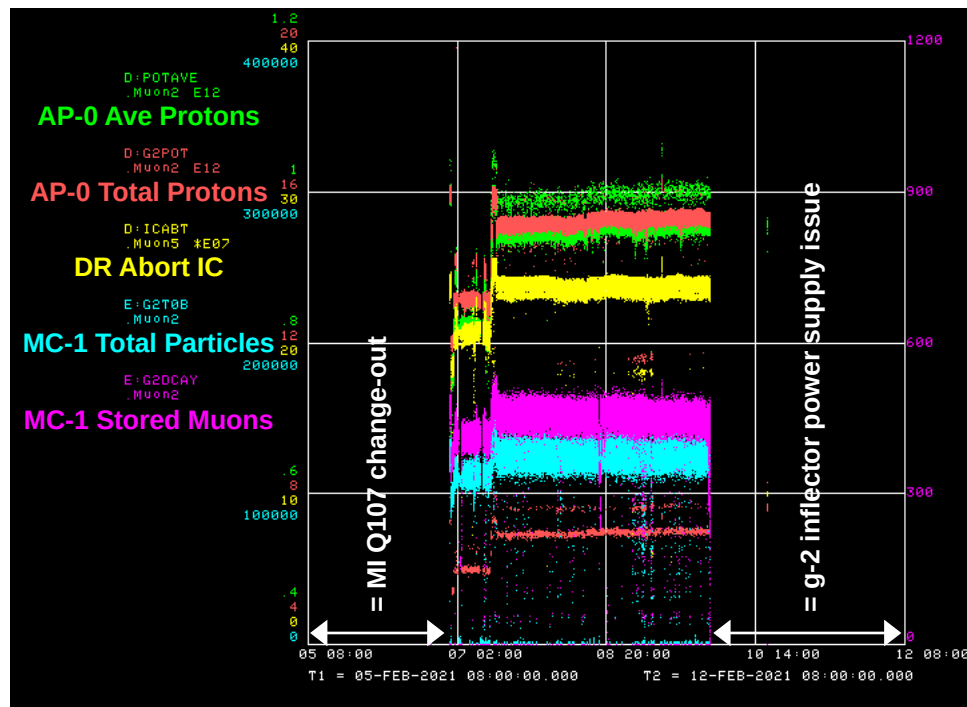


Muon Campus Status

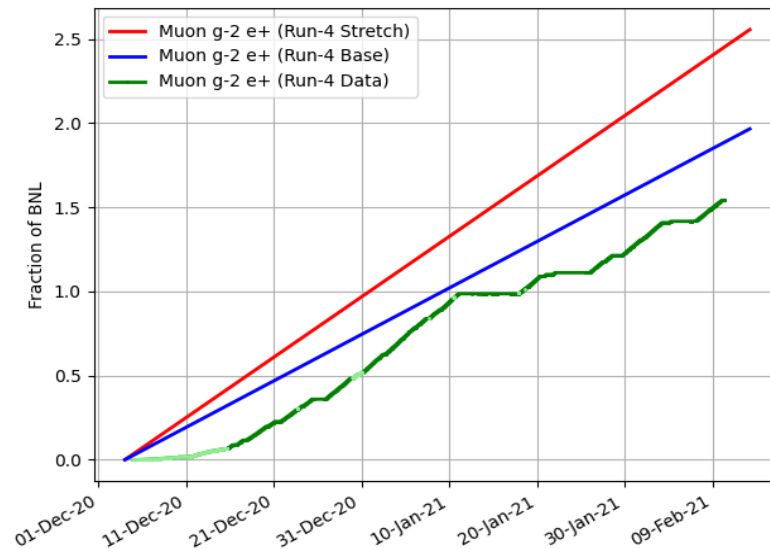
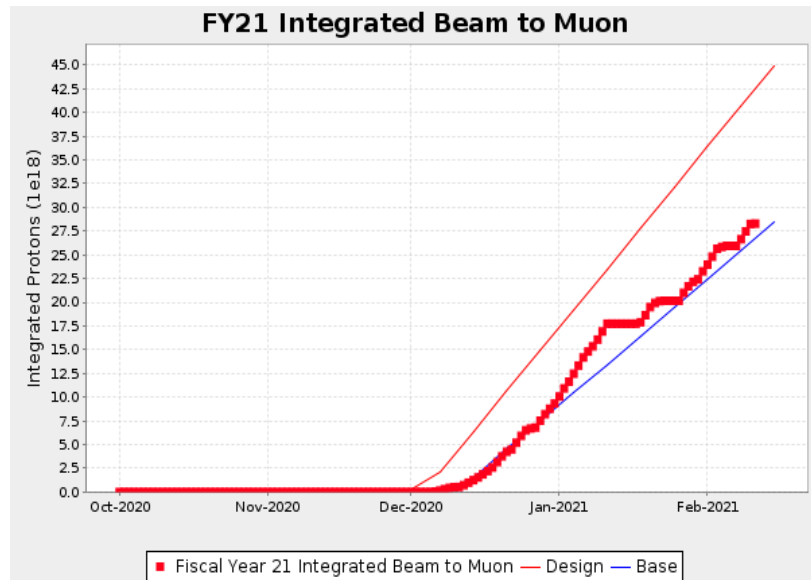
George Deinlein
AD Status Meeting
2021-02-12

Recent Performance

- High M1 line losses following MI Q107 change-out
 - Reduced intensity to compensate
 - Addressed with combination of optics and steering adjustments
 - Should now be less sensitive to orbit differences that result from the MI bend ramp being disabled
- M1 line BPM were reporting errors
 - Instrumentation personnel resolved issue
- DR abort PWC study
 - Transparent to g-2 experiment
- AP-0 dump water flow meter showed excessive variations
 - Water flow was adjusted to compensate
- g-2 inflector power supply issue
 - Extensive repairs are in progress
 - Variety of Muon Campus studies, in the meantime
- Downtime
 - Muon Beamlines (0.2 h)
 - g-2 Experiment (54.7 h)



Cumulative Performance



Upcoming Activities

- Continue Muon Campus beam studies
- Re-establish beam to g-2, when inflector issues are resolved